



Attorney Docket: 7640-X03-011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Rachel YERUSHALMI-ROZEN and Oren REGEV

Group Art Unit:

Appln. No.: 10/667,204

Filed: September 18, 2003

For: METHOD FOR THE PREPARATION OF STABLE SUSPENSIONS AND POWERS OF SINGLE CARBON NANOTUBES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

Submitted herewith are:

- (1) Copy of International Search Report issued in the counterpart European application;
- (2) Form: PTO/SB/08A; and
- (3) Copies of the publications cited in said PTO/SB/08A.

It is requested that an initialled copy of the form PTO/SB/08A be returned to indicate that the publications listed therein have been considered and made of record.

No fee is believed to be due with this submission. However, please charge any required fee (or credit any overpayments of fees) to the Deposit Account of the undersigned, Account No. 500601 (Docket no. 7640-x03-011).

Respectfully submitted,

Martin Fleit, Reg. #16,900

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PATENT

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Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/667,204
				Filing Date	September 18, 2003
				First Named Inventor	Rachel YERUSHALMI-ROZEN
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	7640-X03-011

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		BANDYOPADHYAYA, RAJDIP et al., "Stabilization of individual carbon nanotubes in aqueous solutions", NANO LETTERS, 2002, pages 25-28, vol.2, no. 1			
		O'Connell et al., "reversible water-solubilization of single walled carbon nanotubes by polymer wrapping", CHEMICAL PHYSICS LETTERS, July 13, 2001, pages 265-271, vol. 342, no. 3-4			
		SHAFFER et al., "Fabrication and characterization of carbon nanotube/poly(vinyl alcohol) composites", ADVANCED MATERIALS, Aug. 3, 1999, pages 937-941, vol.11, no.11, VCH Verlagsgesellschaft...Germany			
		CHEN et al., "Plasma activation of carbon nanotubes for chemical modification", JOURNAL OF PHYSICAL CHEMISTRY, Jan. 25, 2001, pages 618-622, vol.105, no.3, ACS, USA			
		MCCARTHY, B. et al., " Complex nano-assemblies of polymers and carbon nanotubes", NANOTECHNOLOGY, 2001, pages 187-190, vol.12, no.3, IOP Publishing, UK			
		VIGOLO, Bridget et al., " Dispersions and fibers of carbon nanotubes", MATERIALS RESEARCH SOCIETY SYMPOSIUM - PROCEEDINGS 2001, November 2000, pages A1211-A1219, vol. 633, Boston, MA, U.S.A			
		RIGGS, JASON et al., "Optical limiting properties of suspended and solubilized carbon nanotubes", JOURNAL OF PHYSICAL CHEMISTRY, August 2000, pages 7071-7076, vol.104, no.30, Washington D.C., USA			
		SHAFFER, M. et al., "Dispersion and packing of carbon nanotubes", CARBON, 1998, pages 1603-1612, vol. 36, no.11			
		AUSMAN, K. et al., "Organic solvent dispersions of single-walled carbon nanotubes: toward solutions of pristine nanotubes", JOURNAL OF PHYSICAL CHEMISTRY, Sept. 28, 2000, pages 89.1.1-89.15...vol.104..no.38			
		M. S. Dresselhaus et al, "Science of Fullerenes and Carbon Nanotubes"; 1996, ACADEMIC PRESS, pages 756-869			

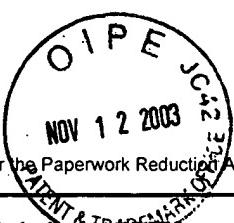
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **2** of **2**

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Application Number	10/667,204
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First Named Inventor	Rachel YERUSHALMI-ROZEN
Art Unit	
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		W.A. de-Heer et al, "Carbon Nanotube Quantum Resistors", SCIENCE 281, Vol. 280, June 12, 1998, pages 1744-1746	
		S.J. Tans et al, "Room-temperature transistor based on a single carbon nanotube", NATURE 386, May 7, 1998, pages 49-52	
		E.W. Wong et al, "Nanobeam Mechanics: Elasticity, Strength, and Toughness of Nanorods and Nanotubes", SCIENCE, Vol. 277, September 26, 1997, pages 1971-1975	
		J. Liu et al, "Fullerene Pipes", SCIENCE, Vol. 280, May 22, 1998, pages 1253-1256	
		S. Sanvito et al, "Fractional Quantum Conductance in Carbon Nanotubes", PHYSICAL REVIEW LETTERS, Vol. 84 No. 9, February 28, 2000, pages 1974-1977	
		P.J. de Pablo et al, "Mechanical and Electrical Properties of Nanosized Contacts on Single-Walled Carbon Nanotubes", ADVANCED MATERIALS, 2000, pages 573-576	
		B. Vigoto et al et al, "Macroscopic Fibers and Ribbons of Oriented Carbon Nanotubes", SCIENCE Vol. 290, November 17, 2000, pages 1331-1334	
		P. Thess et al, "Crystalline Ropes of Metallic Carbon Nanotubes", SCIENCE, Vol. 273, July 26, 1996, 483-487, pages 1-6	

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